

Critical Area Buffer Plant List

The following list shall be used as guidance for planting native vegetation in a wetland buffer or a stream buffer pursuant to the Kirkland Zoning Code, Chapter 90. The list is intended to evaluate vegetative buffer standards and to evaluate restoration plans following the removal of non-native invasive plant species from critical area buffers.

Trees	
<i>Scientific Name</i>	<i>Common Name</i>
<i>Abies grandis</i>	Grand fir
<i>Alnus rubra</i>	Red alder
<i>Pinus contorta</i> var. <i>contorta</i>	Shore pine
<i>Populus balsamifera</i> ssp. <i>trichocarpa</i>	Black cottonwood
<i>Acer macrophyllum</i>	Bigleaf Maple
<i>Prunus emarginata</i>	Bittercherry
<i>Pseudotsuga menziesii</i>	Douglas fir
<i>Thuja plicata</i>	Western red cedar
<i>Tsuga heterophylla</i>	Western hemlock

Shrubs	
<i>Scientific Name</i>	<i>Common Name</i>
<i>Acer circinatum</i>	Vine maple
<i>Amelanchier alnifolia</i>	Serviceberry
<i>Cornus sericea</i> (C. <i>stolonifera</i>)	Red osier dogwood
<i>Corylus cornuta</i>	Hazelnut
<i>Crataegus douglasii</i>	Black hawthorn
<i>Holodiscus discolor</i>	Ocean spray
<i>Lonicera involucrata</i>	Black twinberry
<i>Mahonia aquifolium</i> (B. <i>aquifolium</i>)	Tall Oregon grape
<i>Malus fusca</i>	Pacific crabapple
<i>Oemelaria carasiformis</i>	Indian plum
<i>Philadelphus lewisii</i>	Mock orange
<i>Physocarpus capitalus</i>	Pacific ninebark
<i>Rhamnus purshiana</i>	Cascara
<i>Ribes divaricatum</i>	Wax currant
<i>Ribes sanguineum</i>	Red-flowering currant

Shrubs, cont.	
<i>Scientific Name</i>	<i>Common Name</i>
<i>Rosa gymnocarpa</i>	Baldhip rose
<i>Rosa nutkana</i>	Nootka rose
<i>Rosa pisocarpa</i>	Pea-fruited rose
<i>Rubus parviflorus</i>	Thimbleberry
<i>Rubus spectabilis</i>	Salmonberry
<i>Salix hookeriana</i>	Hooker's willow
<i>Salix scouleriana</i>	Scouler's willow
<i>Sambucus racemosa</i>	Red elderberry
<i>Symphoricarpos albus</i>	Snowberry
<i>Viburnum edula</i>	Highbush cranberry

Ground Cover	
<i>Scientific Name</i>	<i>Common Name</i>
<i>Arctostaphylos uva-ursi</i>	Kinnikinnick
<i>Aruncus dioicus</i>	Goatsbeard
<i>Carex deweyana</i>	Dewey's sedge
<i>Gaultheria shallon</i>	Salal
<i>Mahonia nervosa (B. nervosa)</i>	Low Oregon grape
<i>Polystichum munitum</i>	Sword fern
<i>Rubus ursinus</i>	Dewberry

Typical on-center plant spacing (assuming that spacing is offset triangularly to maximize density) is as follows:

Trees: 8-10 ft. on-center (9 ft. average)

Shrubs (potted): on-center 4-6 ft. (5 ft. average)

Shrubs (willow stakes): 1-2 ft. on-center

Groundcover (herbaceous/vine- Goatsbeard, Dewey's sedge, Dewberry): 1 ft. on-center

Groundcover woody (Salal, Low Oregon Grape, Sword fern): 2 ft. on-center

Follow this link to the King County [Plant list - Native Plant Guide](https://green2.kingcounty.gov/gonative/Plant.aspx?Act=list) for sun/shade preference and soil moisture preference of these plants: <https://green2.kingcounty.gov/gonative/Plant.aspx?Act=list>